

Amendments to the Claims:

1-70. (Canceled)

71. (Currently amended) A generator controller, comprising:

a processor;

a first input configured to receive signals from a generator, the generator being an engine-driven power generator configured to generate and deliver 50 or 60 cycle alternating electrical current to a recreational vehicle;

an output configured to send signals to the generator;

a second input configured to receive signals from a plurality of operating condition sources;

a memory accessible by the processor, the memory containing stored programming instructions operable by the processor to control an operation of to define an automatic mode of operation in which the processor operates to selectively start and stop the generator in accordance with stored parameters, and further to stop to inhibit operation of the generator if upon receipt by the second input of a signal representative of an undesirable condition is received from at least one of the plurality of operating condition sources, the programming instructions further causing the processor to switch the controller to a manual mode of operation when a the signal representative of an undesirable condition is received, whereby in the manual mode of operation the generator is operable under manual control, further whereby in the manual mode of operation the processor enables continued operation of the generator to produce the alternating electrical current even in the presence of the undesirable condition;

the stored programming further enabling the processor to decode electronic indicators produced by the generator; and

a display configured to present text messages related to the electronic indicators.

72. (Original) The generator controller of claim 71, further comprising a stop input in communication with the processor, whereby in response to a selection of the stop input by a user

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the controller allows the operation of the generator even if the signal representative of an undesirable condition is received from at least a selected one of the plurality of operating condition sources.

73. (Currently amended) The generator controller of claim 71, wherein ~~the selected one of the plurality of~~ operating condition sources comprises a gas detector.

74. (Currently amended) The generator controller of claim 71, wherein ~~the selected one of the plurality of~~ operating condition sources comprises a parking brake.

75. (Currently amended) The generator controller of claim 71, wherein ~~the selected one of the operating condition sources comprises a vehicle ignition and wherein~~ the undesirable condition comprises the an ignition being switched to an on position.

76. (Currently amended) The generator controller of claim 71, wherein ~~the selected one of the operating condition sources comprises a building presence detector and wherein~~ the undesirable condition comprises the presence of a building adjacent to a vehicle to which the generator is connected.

77. (Currently amended) The generator controller of claim 71, wherein ~~the selected one of the operating condition sources comprises an external alternating current source, and wherein~~ the undesirable condition comprises the presence of power available at ~~the~~ an external alternating current source.

78. (Previously presented) The generator controller of claim 71, wherein the plurality of operating condition sources comprises a parking brake, a transmission neutral switch, and an ignition switch.

79. (Currently amended) A generator controller, comprising:
an output configured to send signals to ~~a generator~~ an internal combustion engine-driven generator configured to generate and deliver electrical power to a recreational vehicle;
a first input configured to receive signals from a plurality of operating condition sources;

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and

a control component in communication with the output and the first input, the control component having a manual mode and an automatic mode, and the automatic mode being configured to automatically inhibit stop operation of the generator if a upon receipt of a first signal representative of an undesirable condition is received from at least one of a first subset of the plurality of operating condition sources, the control component further being configured to switch the operation of the controller from the automatic mode to the manual mode when a upon receipt of a second signal representative of an undesirable condition is received from at least one of a second subset of the plurality of operating condition sources, whereby in the manual mode the generator is operable under manual control even in the continued presence of the second signal representative of the undesirable condition.

80. (Currently amended) The generator controller of claim 79, further comprising:

a second input configured to receive signals from the generator;

a decoding component in communication with the second input, the decoding component being configured to decode electronic indicators produced by the generator a plurality of generators wherein the engine-driven generator comprises one of the plurality of generators; and

a display configured to present text messages related to the electronic indicators.

81. (Previously presented) The generator controller of claim 79, wherein one of the first subset of operating condition sources comprises a gas detector.

82. (Previously presented) The generator controller of claim 79, wherein the one of the second subset of operating condition sources comprises a parking brake.

83. (Previously presented) The generator controller of claim 79, wherein one of the second subset of operating condition sources comprises a vehicle ignition and wherein the undesirable condition comprises the ignition being switched to an on position.

84. (Previously presented) The generator controller of claim 79, wherein the first subset of operating condition sources comprises a building presence detector and wherein the

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undesirable condition comprises the presence of a building adjacent to a vehicle to which the generator is connected.

85. (Previously presented) The generator controller of claim 79, wherein the first subset of operating condition sources comprises an external alternating current source, and wherein the undesirable condition comprises the presence of power available at the external alternating current source.

86. (Previously presented) The generator controller of claim 79, wherein second subset of operating condition sources comprises a parking brake, a transmission neutral switch, and an ignition switch.

87. (Currently amended) A generator controller, comprising:

an output configured to send signals to a generator for generating and delivering electrical power to a recreational vehicle;

a first input configured to receive signals from a plurality of operating condition sources;

a second input operable by a user to enable the user to select one of a plurality of controller modes of operation, each of the controller modes of operation defining conditions under which the generator selectively operates to produce electrical power; and

a control component controlling the operation of the generator controller in accordance with the selected one of the plurality of controller modes of operation, the control component being in communication with the output and the first input, the control component having a manual mode and an automatic mode ~~and, in accordance with the selected one of the plurality of controller modes of operation, the manual mode~~ being configured to automatically inhibit operation of the generator if a signal representative of an undesirable condition is received from at least one of a first subset of the plurality of operating condition sources, the control component further being configured to switch to the manual mode when a signal representative of an undesirable condition is received from at least one of a second subset of the plurality of operating condition sources, whereby in the manual mode the generator is operable under manual control even in the continued presence of the signal representative of the undesirable condition from at

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least one of the second subset of the plurality of operating condition sources.

88. (Previously presented) The generator controller of claim 87, further comprising:
a third input configured to receive signals from the generator;
a decoding component in communication with the third input, the decoding component
being configured to decode electronic indicators produced by the generator; and
a display configured to present text messages related to the electronic indicators.

89. (Previously presented) The generator controller of claim 87, wherein one of the
first subset of operating condition sources comprises a gas detector.

90. (Currently amended) The generator controller of claim 87, wherein the second
subset of operating condition sources comprises a parking brake, a transmission neutral switch,
and an ignition switch.

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